Docket No.

250507US2DIV

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Yoshiki IGARASHI, et al.

SERIAL NO:

New DIV Application

GAU:

FILED:

Herewith

**EXAMINER:** 

FOR:

OXIDE FILM ETCHING METHOD

# **INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

#### REFERENCES

- The applicant(s) wish to make of record the references listed on the attached form PTO-1449 which were cited and submitted in Application Serial No. 09/956,803, filed 09/21/01, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

### RELATED CASES

- Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

#### **CERTIFICATION**

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- □ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

# DEPOSIT ACCOUNT

Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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22850

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Herewith	LIST OF	REFE	RENCES CITED BY A	PPLICANT	Yoshiki IGARASHI, et al.		· · · · · · · · · · · · · · · · · · ·				
DOCUMENT   DATE   NAME   CLASS   SUB   FILING DATE   NAME   CLASS   CLASS   FILING DATE   FAPPROPRIATE					FILING DATE		GROUP				
DOCUMENT   NAME   CLASS   FILING DATE   NAME   CLASS   FILING DATE   FAPPROPRIATE					Herewith						
INITIAL					U.S. PATENT DOCUMENTS						
AB   6.432,833   D8/2002   Ko, Kei-Yu				DATE	NAME						
AC 5,970,373   10/1999   Allen, Lynn R.		AA	6,387,287	05/2002	Hung et al.	ng et al.					
AD 4,786,361   11/1988   Sekine et al.		AB		08/2002	Ko, Kei-Yu						
AE 5,877,032   03/1999   Guinn et al.		AC	5,970,373	10/1999	Allen, Lynn R.						
AF 5,683,538 11/1997 O'Neill et al.  AG 4,918,031 04/1990 Flarm et al.  AH 4,753,709 06/1988 Welch et al.  AI 5,522,957 06/1996 Weling et al.  AJ 6,174,451 01/2001 Hung et al.  AK 6,451,703 09/2002 Liu et al.  AL 5,756,400 05/1998 Ye et al.  AN 6,478,924 11/2002 Shamouilian et al.  AN 6,475,918 11/2002 Izawa et al.  FOREIGN PATENT DOCUMENTS  DOCUMENT NUMBER DATE COUNTRY TRANSLATION YES NO  AO 11-219942 08/10/99 Japan (with English Abstract) x  AP 6-275568 09/30/94 Japan (with English Abstract) x  AR 6.4258117 09/14/92 Japan (with English Abstract) x  AR AS AS AT AT AU AU AV OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)  AV AZ Additional References sheet(s) attached		AD	4,786,361	11/1988	Sekine et al.						
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AO   11-219942   08/10/99   Japan (with English Abstract)   x     AP   6-275568   09/30/94   Japan (with English Abstract)   x     AQ   4-258117   09/14/92   Japan (with English Abstract)   x     AR                   AS                 AT                   AU                   AV     OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)    AW   AX                                     AZ				DATE	COUNTRY	COUNTRY					
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EXAMINER		DOCUMENT	DATE	NAME CLASS		SUB FILING DATE		ILING DATE
INITIAL	AA	NUMBER 6,444,559	09/2002	Kim et al.	CLASS IF APPROPRIATE			
	AB	6,436,841	08/2002	Tsai et al.	<del>                                     </del>			
	AC	6,432,318	08/2002	Ding et al.				-
	AD	6,174,451	01/2001	Hung et al.	-			· · ·
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